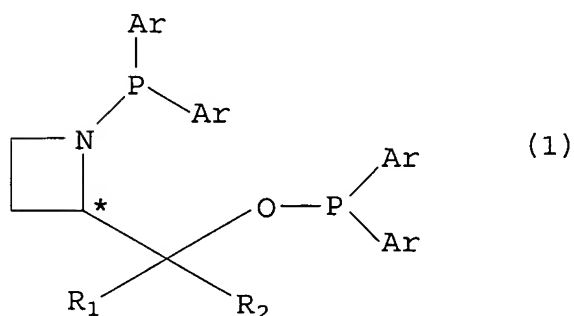


AMENDMENTS TO THE CLAIMS

1. (Original) A chiral phosphine compound of formula (1):



wherein R_1 and R_2 independently represent

an aryl or heteroaryl group, which may be substituted,

a saturated hydrocarbon group, which may be substituted, and

Ar group independently represents

a heteroaryl group, which may be substituted,

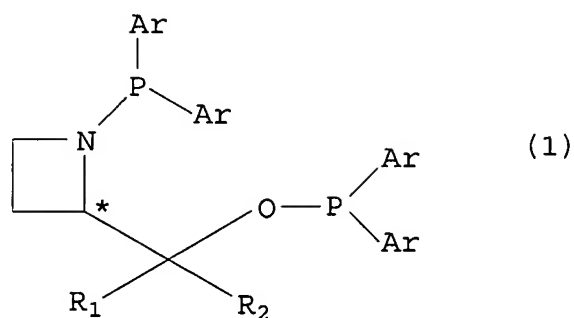
an aryloxy group, which may be substituted, or

Ar groups on the same phosphorous atom are bonded to form an
arylene, heteroarylene or alkylene group, which may be substituted,
and

* represents an asymmetric carbon atom.

2-3. (Cancelled)

4. (Withdrawn) A process for producing a chiral phosphine compound of formula (1):



wherein R_1 and R_2 independently represent

an aryl or heteroaryl group, which may be substituted,

a saturated hydrocarbon group, which may be substituted, and

Ar group independently represents

an aryl or heteroaryl group, which may be substituted,

an aryloxy group, which may be substituted,

a saturated hydrocarbon group, which may be substituted,

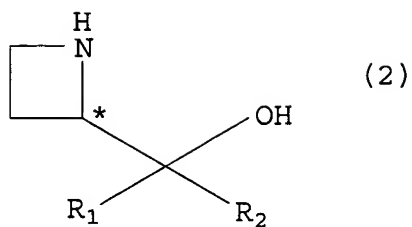
or

Ar groups on the same phosphorus atom are bonded to form an arylene, heteroarylene or alkylene group, which may be substituted, and

* represents an asymmetric carbon atom, which comprises reacting

an optically active azetidine alcohol compound of formula

(2):



wherein R_1 , R_2 and * represent the same as defined above, with a phosphine of formula (3):



wherein X represents a halogen atom, and Ar represents the same as defined above.

5-7. (Cancelled)